

T M Gledhill

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,568
citations

257450

24
h-index

302126

39
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56
all docs

56
docs citations

56
times ranked

1425
citing authors

#	ARTICLE	IF	CITATIONS
1	THE COORDINATED RADIO AND INFRARED SURVEY FOR HIGH-MASS STAR FORMATION. II. SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013, 205, 1.	7.7	128
2	A mid-infrared imaging catalogue of post-asymptotic giant branch stars~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 32-92.	4.4	93
3	Circumstellar structure of RU Lupi down to au scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 177-187.	4.4	91
4	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
5	Axisymmetry in protoplanetary nebulae: using imaging polarimetry to investigate envelope structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 322, 321-342.	4.4	74
6	UWISH2 - the UKIRT Widefield Infrared Survey for H2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 480-492.	4.4	67
7	Infrared spectroscopy of eruptive variable protostars from VVV. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3039-3100.	4.4	59
8	UV Circular Polarisation in Star Formation Regions: The Origin of Homochirality?. <i>Origins of Life and Evolution of Biospheres</i> , 2005, 35, 29-60.	1.9	55
9	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
10	MERLIN polarimetry of the OH masers in OH17.7-2.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 287-302.	4.4	50
11	H ₂ [CSC]i [CSC] 1.083 $\hat{1}$ / ₄ [CLC]m [CLC] Emission and Absorption in DG Tauri: Line Excitations in the Jet, Hot Wind, and Accretion Flow. <i>Astrophysical Journal</i> , 2002, 568, L53-L56.	4.5	47
12	A First Look at BISTRO Observations of the $\hat{1}$ / ₄ Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
13	Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 103-115.	4.4	42
14	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
15	Dust polarized emission observations of NGC 6334. <i>Astronomy and Astrophysics</i> , 2021, 647, A78.	5.1	41
16	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. <i>Astrophysical Journal</i> , 2020, 899, 28.	4.5	39
17	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core $\hat{1}$ / ₄ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
18	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37

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19	Axisymmetry in protoplanetary nebulae - II. A near-infrared imaging polarimetric survey. Monthly Notices of the Royal Astronomical Society, 2005, 356, 883-898.	4.4	36
20	Circular polarization by scattering from spheroidal dust grains. Monthly Notices of the Royal Astronomical Society, 2000, 314, 123-137.	4.4	35
21	Optical polarization in the disc around \hat{A} Pictoris. Monthly Notices of the Royal Astronomical Society, 1991, 252, 50P-54P.	4.4	34
22	Extended H ₂ emission line sources from UWISH2. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2586-2605.	4.4	29
23	Circular polarisation in star-forming regions: Possible implications for homochirality. Advances in Space Research, 2001, 27, 313-322.	2.6	28
24	ALMA Observations of the Water Fountain Pre-planetary Nebula IRAS 16342-3814: High-velocity Bipolar Jets and an Expanding Torus. Astrophysical Journal Letters, 2017, 835, L13.	8.3	27
25	Polarimetry of young stellar objects – II. Circular polarization of GSS 30. Monthly Notices of the Royal Astronomical Society, 1997, 285, 750-758.	4.4	26
26	Linear and circular imaging polarimetry of the Chamaeleon infrared nebula. Monthly Notices of the Royal Astronomical Society, 1996, 282, 1418-1436.	4.4	25
27	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. Astrophysical Journal Letters, 2021, 912, L27.	8.3	21
28	Polarization studies of comet Austin. Monthly Notices of the Royal Astronomical Society, 1992, 258, 384-386.	4.4	20
29	Polarimetry of young stellar objects – I. Linear polarization of GSS 30. Monthly Notices of the Royal Astronomical Society, 1996, 278, 449-464.	4.4	20
30	Near-infrared echelle spectroscopy of protoplanetary nebulae: probing the fast wind in H ₂ . Monthly Notices of the Royal Astronomical Society, 2005, 360, 104-118.	4.4	19
31	Properties of the ρ pictoris disc deduced from optical imaging polarimetry. Astrophysics and Space Science, 1995, 224, 395-398.	1.4	18
32	Mid-infrared imaging of the dust shell around the post-asymptotic giant branch star HD 161796. Monthly Notices of the Royal Astronomical Society, 2003, 343, 880-890.	4.4	16
33	Imaging the transition between pre-planetary and planetary nebulae: integral field spectroscopy of hot post-AGB stars with NIFS. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1080-1095.	4.4	16
34	Observations of Magnetic Fields Surrounding LkH \hat{A} 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16
35	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. Astrophysical Journal, 2022, 926, 163.	4.5	16
36	Near-infrared imaging polarimetry of young stellar objects in \hat{i} -Ophiuchi. Monthly Notices of the Royal Astronomical Society, 2008, 384, 907-929.	4.4	15

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37	Submillimetre photometry of post-asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2002, 332, L55-L58.	4.4	14
38	The JCMT BISTRO Survey: An 850/450 $\hat{1}$ / ₄ m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
39	Polarization models of young stellar objects - II. Linear and circular polarimetry of R Coronae Australis. Monthly Notices of the Royal Astronomical Society, 2000, 319, 337-349.	4.4	11
40	Near-infrared polarimetry and modelling of the dusty young planetary nebula IRAS 19306+1407. Monthly Notices of the Royal Astronomical Society, 2007, 374, 176-186.	4.4	9
41	Planetary nebulae in the UWISH2 survey. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3759-3777.	4.4	8
42	Polarization models of young stellar objects -- II. Linear and circular polarimetry of R Coronae Australis. Monthly Notices of the Royal Astronomical Society, 2000, 319, 337-349.	4.4	7
43	Integral field spectroscopy of H ₂ and CO emission in IRAS 18276 \hat{a} [~] 1431: evidence for ongoing post-AGB mass-loss. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1453-1466.	4.4	5
44	A fast bipolar H ₂ outflow from IRAS 16342 \hat{a} [~] 3814: an old star reliving its youth. Monthly Notices of the Royal Astronomical Society, 2012, , no-no.	4.4	2
45	ALMA reveals the coherence of the magnetic field geometry in OH 231.8+4.2. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4297-4305.	4.4	2
46	The excitation mechanisms and evolutionary stages of UWISH2 planetary nebula candidates. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1563-1579.	4.4	1
47	Imaging and Polarimetry of the Dust Shells Around Post-AGB Stars. Symposium - International Astronomical Union, 2003, 209, 131-132.	0.1	0
48	Magnetic Field in the Proto-Planetary Nebula OH17.7 \hat{a} [~] 2.0. Symposium - International Astronomical Union, 2003, 209, 143-144.	0.1	0
49	The Circumstellar Envelopes of Post-AGB Stars. Proceedings of the International Astronomical Union, 2006, 2, 381.	0.0	0
50	Integral Field Spectroscopy of Post-AGB Stars with UKIRT and SINFONI-VLT. Proceedings of the International Astronomical Union, 2006, 2, 451.	0.0	0
51	High spatial resolution observations of OH 231.8+4.2. Proceedings of the International Astronomical Union, 2006, 2, 457.	0.0	0
52	Imaging polarimetry as a diagnostic tool. Proceedings of the International Astronomical Union, 2008, 4, 613-622.	0.0	0
53	A mid-infrared imaging survey of post-AGB stars. Proceedings of the International Astronomical Union, 2011, 7, 59-62.	0.0	0
54	Planetary Nebulae in the UWISH2 Galactic Plane survey. Proceedings of the International Astronomical Union, 2016, 12, 32-35.	0.0	0

#	ARTICLE	IF	CITATIONS
55	Evolved stars. , 0, , 210-223.		0